

ABSTRACT OF THE DISCLOSURE

A digital broadcast system is provided in which, during the control of caching the tables multiplexed onto a transport stream, the caching is optimally updated without wasting filter
5 resources on changes such as updates to a higher version, addition, or disappearance of the tables.

The digital broadcast apparatus broadcasts a transport stream onto which an available table information table (ATT) is multiplexed. The ATT monitoring unit in the receiving
10 apparatus regularly monitors an update in the ATT and generates an available table information list every time the ATT has been updated to a higher version. The cache controlling unit compares the available table information list with a cache information list, (i) assigns a filter resource and updates the cache of
15 the table when there is a table updated to a higher version or added, and (ii) clears the cache of the table when there is a table that has disappeared.